



PUMP

PEDROLLO D/DC range of submersible drainage pumps are specifically designed to operate in waste water containing limited amounts of floating impurities of up to 10mm diameter. They are fitted with open impellers for lighter duties and are most suitable for draining flooded areas.

Construction is epoxy electrocoated cast iron pump body, stainless steel AISI 304 motor casing for D series and cast iron for DC series. They are fitted with Noryl plastic impellers for D series and AISI304 stainless steel for DC. Both have Stainless steel intake screens and single phase models feature built in floatswitch for automatic control of pump start and stop. All pumps are supplied with Neoprene cable as a standard, 5m for D models and 10m for DC.

MOTOR

Pumps are provided with a built-in cooled non-overloading induction motors with Graphite-Silicon carbide double mechanical seals in oil chamber for continuous operation. A thermal cut-out is provided in the motor windings to protect against pump overload. Single phase pumps can be connected directly to the mains power supply through a 10amp fuse or MCB. DCm are supplied with a standard electrical control panel

Enclosure Class: IPX8

Enclosure Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped liquid: Thin, Clean, non-aggressive liquids containing some impurities of upto 10mm diameter and fibres.

Max. Fluid Temperature: +40°C

Max. Immersion Depth: Dm - 5m, DC - 10m

Min. Immersion Depth: Dm 10 - 210mm, Dm 30 - 250mm, DC 300mm

PUMP DATA

Model	Motor		Current (A)	Max Particle Size (mm)	DN (")	Dimensions (mm)						Weight (kg)
	kW	HP				A	B	C	D	H	H1	
Dm10	0.75	1	5	10	1½	115	85	147	17	353	73	13
Dm30	1.1	1.5	7				93			390	84	18
DCm42	1.5	2	13		2	150	112	190	25	434	125	43
DC44	3	4	7							460		47

Typical Installation

